

Title (en)
MATERIAL WITH IMMUNOGENICITY

Title (de)
MATERIAL MIT IMMUNOGENIZITÄT

Title (fr)
COMPOSÉ IMMUNOGÉNIQUE

Publication
EP 2172488 A4 20110413 (EN)

Application
EP 08757755 A 20080618

Priority
• CN 2008071346 W 20080618
• US 94478007 P 20070618
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Abstract (en)
[origin: EP2172488A1] Provided is a fusion protein, which comprises human papillomavirus E7 antigen, virus capsid protein and molecular chaperone. Also provided is a macromolecule with immunogenicity aggregated by the fusion proteins. The particle morphology of the macromolecule is different from that of virus-like particle. The macromolecule can be used for treatment of human papillomavirus relating diseases.

IPC 8 full level
A61K 39/12 (2006.01); **A61K 39/29** (2006.01); **A61P 1/16** (2006.01); **A61P 31/20** (2006.01); **A61P 35/00** (2006.01); **A61P 37/00** (2006.01); **C07K 14/02** (2006.01); **C07K 14/025** (2006.01); **C07K 14/35** (2006.01); **C07K 19/00** (2006.01); **C12N 15/63** (2006.01)

CPC (source: EP US)
A61K 39/12 (2013.01 - EP US); **A61P 1/16** (2017.12 - EP); **A61P 15/00** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 31/20** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **C07K 14/005** (2013.01 - EP US); **C12N 7/00** (2013.01 - EP US); **A61K 2039/585** (2013.01 - EP US); **A61K 2039/6043** (2013.01 - EP US); **C07K 2319/35** (2013.01 - EP US); **C12N 2710/20022** (2013.01 - EP US); **C12N 2710/20034** (2013.01 - EP US)

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